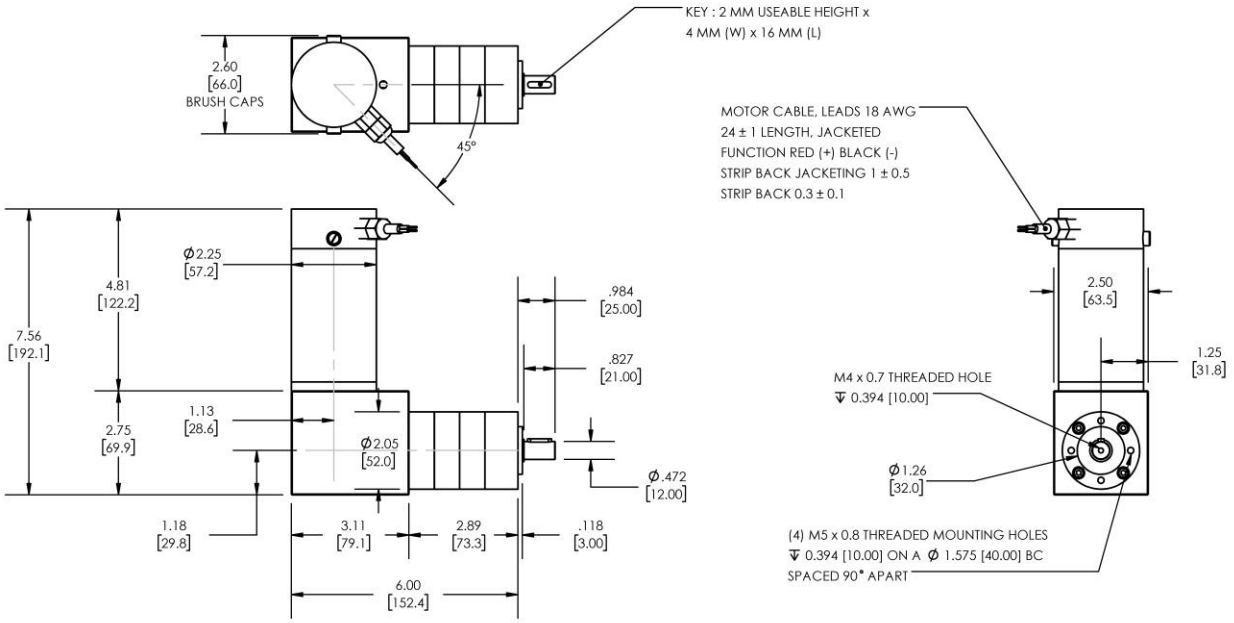
REVERSIBLE BRUSHED DC RIGHT-ANGLED GEARMOTOR

Model Number:

MMP D22-490E-48V GRA52-068



DIMENSIONS ARE INCHES [MM] UNLESS OTHERWISE STATED

PLANETARY GEARMOTOR OUTPUT PARAMETERS:	VALUE	UNITS	TOLERANCE
Gearhead Ratio (exact)	68.06 : 1		
Gearhead Shaft Output Speed (at full-load)	69	RPM	MAX
Gearmotor Rated Continuous Torque	140	In-Lbs	MAX
Gearmotor Rated Peak Torque	443++	In-Lbs	-----
Gearhead Standard Backlash	48	Arc Minutes	MAX
Gearhead Efficiency	70%	-----	-----
Output Shaft Radial Load Capacity	102	Lbs	MAX
Output Shaft Axial Load Capacity	34	Lbs	MAX
Gearmotor Total Weight	6.9	Lbs	MAX

++ All Peak Torque values are dependent upon duty. Contact our sales office for details.

DC MOTOR PERFORMANCE PARAMETERS:	VALUE	UNITS	TOLERANCE
Rated DC Voltage	48	DC VOLTS	-----
Rated Continuous Current	4.6	AMPERES	-----
No-Load Speed	5714	RPM	MAX
Rated Speed	4712	RPM	+/- 15%
Rated Continuous Power Out	164	WATTS	+/- 15%
Rated Continuous Torque	47	OZ-IN	-----
Peak Torque (motor only)	196	OZ-IN	-----
No-Load Current	0.39	AMPERES	MAX
Back EMF Constant (Ke)	8.4	V/KRPM	+/- 10%
Torque Constant (Kt)	11.3	OZ-IN/AMP	+/- 10%
DC Armature Resistance	1.84	OHMS	+/- 15%
Armature Inductance	2.30	mH	+/- 15%
Armature temperature	155	DEG. C	MAX

NOTES:

- ENCODER & BRAKE OPTIONS AVAILABLE – FOLLOW THIS LINK FOR DETAILS
- NEMA MOUNTING FLANGE OPTION AVAILABLE – FOLLOW THIS LINK FOR DETAILS